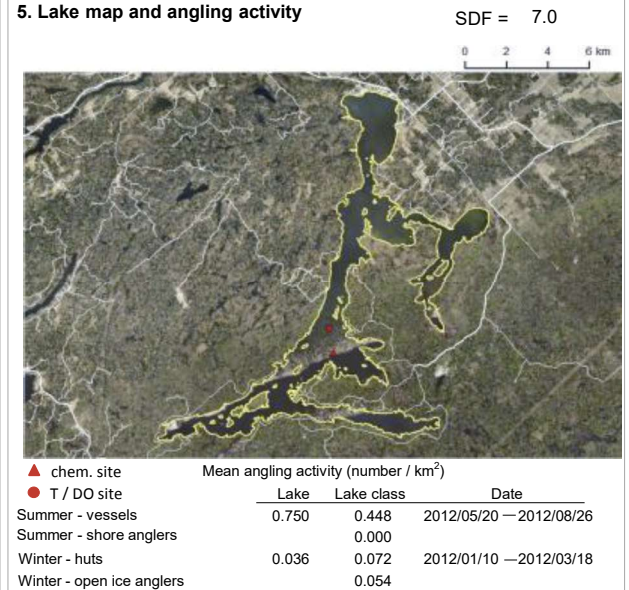
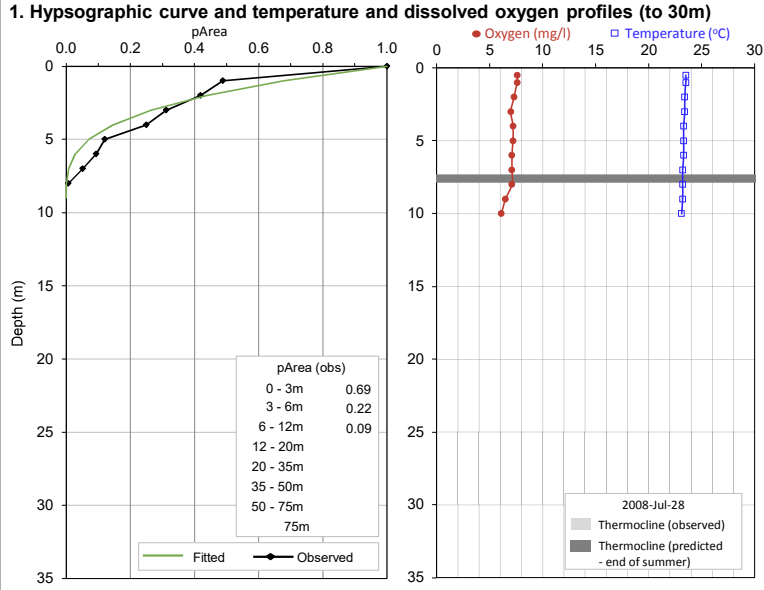


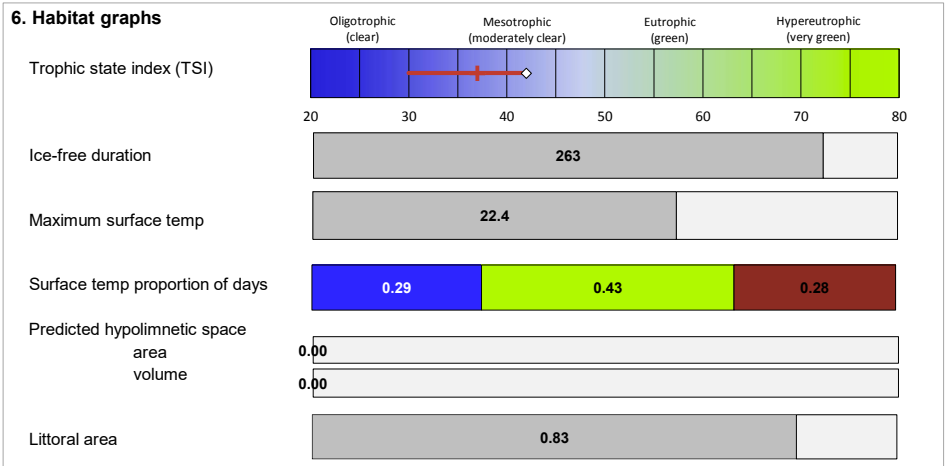
White Lake (18-3808-50183)

Area (ha): 2,365 **Lake class (n) :** 4:1,500-5,000 ha (8) **FMZ:** 18
Depth max/mn (m): 9.1 / 2.1 **TDS / TP:** 152.5 / 14.7 **Survey date:** 2008-Jul (Cycle 1)
Secchi spr/sum (m): 4.2 / 3.8 **DD5 / MAT:** 2,024 / 6.1 **Selection:** Trend & State / Walleye



2. Habitat statistics

Trophic state index	
TSI - Phosphorus	43
TSI - Secchi	41
Average	42
Predicted	
No. ice-free days	263
Max. surface temp (°C)	22.4
Proportion of days	
Cold (8-12°C)	0.29
Cool (16-20°C)	0.43
Warm (22-26°C)	0.28
Observed thermocline depth (m)	-
Predicted thermocline depth (m)	7.6 (end of summer)
Hypolimnetic space	
Area observed (prop)	-
Area predicted (prop)	< 0.01
Volume observed (prop)	-
Volume predicted (prop)	< 0.01
Littoral area (prop ≤ 4.6m)	0.83



3. Water chemistry statistics

	Lake (pctl)	Lake class	
		Min	Max
True colour (TCU)	15.0 (38)	9.6	28.0
pH	8.0 (100)	7.2	8.0
Conductivity (uS/cm/s)	229.0 (100)	62.4	229.0
Alkalinity (mg/L CaCO3)	108.0 (100)	19.8	108.0
Calcium (mg/L)	31.4 (100)	9.2	31.4
Magnesium (mg/L)	8.4 (86)	1.6	9.0
Sodium (mg/L)	2.5 (43)	1.1	6.1
Potassium (mg/L)	0.8 (29)	0.5	1.4
Chloride (mg/L)	3.9 (38)	1.7	9.5
Sulphate (mg/L)	6.6 (63)	3.5	8.4
Silicate (mg/L)	2.3 (100)	0.6	2.3
Iron	97.0 (75)	44.0	99.0
DIC (mg/L)	26.5 (100)	5.3	26.5
DOC (mg/L)	5.3 (63)	2.3	6.8
Ammonia/Ammonium (mg/L)	56.0 (100)	6.0	56.0
Nitrate/Nitrite (ug/L)	6.0 (38)	2.0	194.0
TKN (ug/L)	412.0 (100)	210.0	412.0
Total Phosphorus (ug/L)	14.7 (100)	4.8	14.7

